

ABSTRACT

An apparatus for removing deposits from the internal surface of a substantially cylindrical tube comprises a cap adapted to cover a first end of the tube and defining a hole. A shaft is slidably and rotatably mounted in the hole and a plurality of cutters extend outward from an inside end of the shaft, spaced about the exterior of the shaft, each cutter movable from a retracted position outward from the shaft to an extended position. A bias force supplied by a pressurized fluid source acts on each cutter toward the extended position. A drive is operative to rotate the shaft as the shaft slides along the hole. A channel can be provided to supply pressurized fluid to an interior of a tube to blow debris out.